

Name: _____ Period: _____

Exploring the Pros and Cons of Genetic Engineering

You are going to investigate examples and applications of genetic engineering and explore its pros and cons. Answer the following questions using RELIABLE web sources. (Be sure to write the name and address of each website you use.) Then decide if you are in favor of or opposed to genetic engineering based on your findings. Be sure to explain your reasoning.

Websites Used:

1.) Explain an example of an organism that was manipulated by selective breeding.

2.) Explain an example of a product that was produced through biotechnology.

3.) Explain an example of a transgenic organism.

4.) Explain an example of an organism that was created by cloning.

5.) Explain another example of genetic engineering.

6.) What are THREE major **pros** of genetic engineering?

- _____
- _____
- _____

7.) What are THREE major **cons** of genetic engineering?

- _____
- _____
- _____

8-10.) Do you think America should or should not invest its time and energy into genetic engineering? Be sure to explain **WHY** or **WHY NOT** based on your research.
